

Message

From: Ryan Schierman [ryan.schierman@wyo.gov]
Sent: 7/7/2020 4:36:35 PM
To: Cheung, Wendy [Cheung.Wendy@epa.gov]
Subject: Fwd: WMA U Working Group Meeting Follow-Up
Attachments: Dewey Burdock Proposed AE ROD.pdf; Dewey-Burdock Class III AppendixM Justification.pdf; Summary Table of EPA Class III Aquifer Exemptions.docx

Ryan Schierman
Uranium Recovery Program Manager
Department of Environmental Quality
Land Quality Division

Ryan.Schierman@wyo.gov
Office 307-777-7757

----- Forwarded message -----

From: Beth Kelly <bkelly@wwcengineering.com>
Date: Thu, Jun 18, 2020 at 3:11 PM
Subject: WMA U Working Group Meeting Follow-Up
To: pgoranson@energyfuels.com <pgoranson@energyfuels.com>, Oscar Paulson <oscar.paulson@bresnan.net>, Bernard Bonifas <bbonifas@energyfuels.com>, Scott Schierman <scott.schierman@uranium1.com>, Cash, John <John.Cash@ur-energy.com>, Mike Griffin <MGriffin@stratawyo.com>, Craig Wall <cwall@uraniumenergy.com>
Cc: Ben Schiffer <bschiffer@wwcengineering.com>, ryan.schierman@wyo.gov <ryan.schierman@wyo.gov>

All-

I wanted to follow up from the WMA working group call on Tuesday, June 16. First, I wanted to provide an example of the summary table WWC is working on regarding the Aquifer Exemptions (see attached). In the example table I have added information for the Dewey-Burdock Project. We will research and populate the table with other Class III AEs from the three EPA regions (R6, R8, and R9). As I stated on the call yesterday, we plan to have a draft of the summary table completed by June 30 for distribution to the working group for review.

Since I brought it up, I have also attached the Dewey-Burdock EPA's Draft AE Record of Decision. Pages 3-4 described the proposed AE boundary and pages 6-7 describe the criteria used to develop the AE. I have also attached Powertech's Class III Application Appendix M which provides the justification and is referenced in the ROD. The AE boundary was determined using a science-based calculation, which takes into account 1) potential extent of excursion beyond monitor ring boundary when first detected at monitor ring well (based on trigonometry); 2) distance of excursion migration

between time of detection and initiation of recovery; and 3) distance of excursion migration due to dispersivity factor (0.1 times the total travel distance of the excursion).

Regards-

Beth Kelly



Beth Kelly | Project Manager

1849 Terra Avenue | Sheridan, WY 82801

Tel 307-672-0761 | Cell 307-752-5236

www.wwcengineering.com

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